

1.All of the questions in this quiz refer to the open source Chinook Database. Please familiarize yourself with the [ER diagram](#) in order to familiarize yourself with the table and column names in order to write accurate queries and get the appropriate answers.

Using a subquery, find the **names** of all the **tracks** for the album "Californication".

```
1 select name from tracks where albumid =
2 (select albumid from albums where title = 'Californication')
```

Run

[Reset](#)

```
+-----+
| Name   |
+-----+
| Around The World |
| Parallel Universe |
| Scar Tissue      |
| Otherside        |
| Get On Top       |
| Californication  |
| Easily           |
| Porcelain        |
| Emit Remmus      |
| I Like Dirt      |
+-----+
(Output limit exceeded, 10 of 15 total rows shown)
```

What is the title of the 8th track?

✓ Correct

2.All of the questions in this quiz refer to the open source Chinook Database. Please familiarize yourself with the [ER diagram](#) in order to familiarize yourself with the table and column names in order to write accurate queries and get the appropriate answers.

Find the total number of invoices for each customer along with the customer's full name, city and email.

```
1 select firstname || ' ' || lastname as fullname, city, email,
2 (select count(*) from invoices
3 where invoices.customerid = customers.customerid) as invoices
4 from customers
```

Run

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```
+-----+-----+-----+-----+
| fullname | City | Email | invoices |
+-----+-----+-----+-----+
| Luís Gonçalves | São José dos Campos | luisg@embraer.com.br | 7 |
| Leonie Köhler | Stuttgart | leonekohler@surfeu.de | 7 |
| François Tremblay | Montréal | ftremblay@gmail.com | 7 |
| Bjørn Hansen | Oslo | bjorn.hansen@yahoo.no | 7 |
| František Wichterlová | Prague | frantisekw@jetbrains.com | 7 |
| Helena Holý | Prague | hholy@gmail.com | 7 |
| Astrid Gruber | Vienne | astrid.gruber@apple.at | 7 |
| Daan Peeters | Brussels | daan_peeters@apple.be | 7 |
| Kara Nielsen | Copenhagen | kara.nielsen@jubii.dk | 7 |
| Eduardo Martins | São Paulo | eduardo@woodstock.com.br | 7 |
+-----+-----+-----+-----+
(Output limit exceeded, 10 of 59 total rows shown)
```

After running the query described above, what is the email address of the 5th person, František Wichterlová? Enter the answer below (feel free to copy and paste

✓ Correct

3.All of the questions in this quiz refer to the open source Chinook Database. Please familiarize yourself with the [ER diagram](#) in order to familiarize yourself with the table and column names in order to write accurate queries and get the appropriate answers.

Retrieve the track name, album, artistID, and trackID for all the albums.

```
1  select name, title, artistid, trackid
2  from albums inner join tracks
3  on albums.albumid = tracks.albumid
```

Run

Reset

Name	Title	ArtistId	TrackId
For Those About To Rock (We Salute You)	For Those About To Rock We Salute You	1	1
Put The Finger On You	For Those About To Rock We Salute You	1	6
Let's Get It Up	For Those About To Rock We Salute You	1	7
Inject The Venom	For Those About To Rock We Salute You	1	8
Snowballed	For Those About To Rock We Salute You	1	9
Evil Walks	For Those About To Rock We Salute You	1	10
C.O.D.	For Those About To Rock We Salute You	1	11
Breaking The Rules	For Those About To Rock We Salute You	1	12
Night Of The Long Knives	For Those About To Rock We Salute You	1	13
Spellbound	For Those About To Rock We Salute You	1	14

(Output limit exceeded, 10 of 3503 total rows shown)

What is the song title of trackID 12 from the "For Those About to Rock We Salute You" album? Enter the answer below.

Breaking The Rules

Correct

4.All of the questions in this quiz refer to the open source Chinook Database. Please familiarize yourself with the [ER diagram](#) in order to familiarize yourself with the table and column names in order to write accurate queries and get the appropriate answers.

Retrieve a list with the managers last name, and the last name of the employees who report to him or her.

```
1  select a.lastname as e, b.lastname as m
2  from employees as a inner join employees as b
3  on a.reportsto = b.employeeid
```

Run

Reset

e	m
Edwards	Adams
Peacock	Edwards
Park	Edwards
Johnson	Edwards
Mitchell	Adams
King	Mitchell
Callahan	Mitchell

After running the query described above, who are the reports for the manager named Mitchell (select all that apply)?

- ☒ King
- Correct
- ☐ Johnson
- ☒ Callahan
- Correct
- ☐ Park

☐ Edwards

5. All of the questions in this quiz refer to the open source Chinook Database. Please familiarize yourself with the [ER diagram](#) in order to familiarize yourself with the table and column names in order to write accurate queries and get the appropriate answers.

Find the name and ID of the artists who do not have albums.


```
1 select artists.artistid, name
2 from artists left join albums
3 on artists.artistid = albums.artistid
4 where albums.albumid is null
```

Run

Reset

```
+-----+-----+
| ArtistId | Name |
+-----+-----+
| 25 | Milton Nascimento & Bebeto |
| 26 | Azymuth |
| 28 | João Gilberto |
| 29 | Bebel Gilberto |
| 30 | Jorge Vercilo |
| 31 | Baby Consuelo |
| 32 | Ney Matogrosso |
| 33 | Luiz Melodia |
| 34 | Nando Reis |
| 35 | Pedro Luís & A Parede |
+-----+-----+
(Output limit exceeded, 10 of 71 total rows shown)
```

After running the query described above, two of the records returned have the same last name. Enter that name below.

 Correct

6. All of the questions in this quiz refer to the open source Chinook Database. Please familiarize yourself with the [ER diagram](#) in order to familiarize yourself with the table and column names in order to write accurate queries and get the appropriate answers.

Use a UNION to create a list of all the employee's and customer's first names and last names ordered by the last name in descending order.

```
1 select firstname, lastname from employees
2 union
3 select firstname, lastname from customers
4 order by lastname desc
```

Run

Reset

```
+-----+-----+
| firstname | lastname |
+-----+-----+
| Fynn | Zimmermann |
| Stanisław | Wójcik |
| František | Wichterlová |
| Johannes | Van der Berg |
| François | Tremblay |
| Mark | Taylor |
| Ellie | Sullivan |
| Victor | Stevens |
| Puja | Srivastava |
| Jack | Smith |
+-----+-----+
(Output limit exceeded, 10 of 67 total rows shown)
```

After running the query described above, determine what is the last name of the 6th record? Enter it below. Remember to order things in descending order to be sure to get the correct answer.

 Correct

7.All of the questions in this quiz refer to the open source Chinook Database. Please familiarize yourself with the [ER diagram](#) in order to familiarize yourself with the table and column names in order to write accurate queries and get the appropriate answers.

See if there are any customers who have a different city listed in their billing city versus their customer city.

```
1  select customers.city, invoices.billingcity
2  from customers inner join invoices
3  on customers.customerid = invoices.customerid
4  where customers.city != invoices.billingcity
```

Run

Reset

```
+-----+-----+
| City | BillingCity |
+-----+-----+
+-----+-----+
(Zero rows)
```

Indicate your answer below.

- ☒ No customers have a different city listed in their billing city versus customer city.
- ☐ 3 customers have a different city listed in their billing city versus customer city.
- ☐ 8 customers have a different city listed in their billing city versus customer city.
- ☐ 17 customers have a different city listed in their billing city versus customer city.

 **Correct**